



1) Sensing surface, 2) Clear zone



Basic features

Antenna type	round
Approval/Conformity	CE UKCA cULus WEEE
EN 55022	Size 1, Cl. B
Principle of operation	Read/write head

Electrical connection

Connection	M12x1-Male
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Environmental conditions

Ambient temperature	0...70 °C
Continuous shock load	yes
EN 60068-2-27, Shock	yes
EN 60068-2-32 Free fall	yes
EN 60068-2-6, Vibration	yes
IP rating	IP67
Storage temperature	-20...85 °C

Functional safety

MTTF (40 °C)	15080 a
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Material

Housing material	1.4305 stainless steel, 1.4305 stainless steel
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Mechanical data

Application weight	90.00 g
Dimension	Ø 30 x 70.5 mm
Installation	metal-free (clear zone)
Size	M30x1.5

LF (70/455 kHz)
BIS C-323/05-S4
Order Code: BIS007K

BALLUFF

Remarks

Only together with converter BIS C-901 or BIS C-6xx

Specified relative speed refers to reading/writing the first 4 bytes from the first page.

For basic equipment order cable also, e.g.: BIS C-505-PU1-05 BIS C-505-PU-05 BIS C-506-PU1-05 BIS C-506-PU-05 BIS C-517-PVC-05 BIS C-518-PVC-05

Values are under rated conditions unless otherwise specified.

Time specification includes data check.

For installation in metal: Observe clear zone.

Use included nuts for installation.

For more information about MTTF and B10d see MTTF / B10d Certificate

Indication of the MTTF- / B10d value does not represent a binding composition and/or life expectancy assurance; these are simply experiential values with no warranty implications. These declared values also do not extend the expiration period for defect claims or affect it in any way.

Help Views

BIS C-323-__

passende Datenträger Appropriate data carriers	BIS C-104-_/A bündig / flush	BIS C-104-_/A nicht bündig / non-flush	BIS C-108-_/L nicht bündig / non-flush	BIS C-108-_/L-SA2 nicht bündig / non-flush	BIS C-117-05/A bündig / flush	BIS C-117-05/L nicht bündig / non-flush	BIS C-128-_/L bündig / flush	BIS C-128-_/L nicht bündig / non-flush	BIS C-130-05/L-SA1 bündig / flush	BIS C-130-05/L-SA6 nicht bündig / non-flush	BIS C-133-_/L nicht bündig / non-flush	BIS C-134-_/L nicht bündig / non-flush
statischer Betrieb												
Static mode												
Schreibabstand in mm Write distance in mm	1-11	0-12	0-12	0-11	1-12	0-13	0-8	0-13	0-8	0-7	0-10	0-10
Leseabstand in mm Read distance in mm	1-11	0-12	0-12	0-11	1-12	0-13	0-8	0-13	0-8	0-7	0-10	0-10
Versatz in mm bei Abstand von												
0,7												
1	±7,5	±7,5	±10	±10	±7,5	±11	±8	±10	±6,5	±5,5	±10	±9
2												
3	±7	±7	±9	±9	±7,5	±10	±7	±10	±6	±5	±9	±8
4												
5	±7	±7	±9	±8,5	±7	±10	±6,5	±9	±5,5	±4	±9	±7
6												
7	±7	±7	±8,5	±7,5	±6,5	±9,5	±5,5	±9			±7	±4
10												
15												
20												
35												
42												
60												

